

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	437	vadose zone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2005/11/22 08:43
L2	31	l1 and ((nano\$1composite or (nano composite)) or permeable (barrier or membrane) or reactive (barrier or membrane))	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/22 08:11
L3	18	((vadose (region or area)) or (aeration (zone or region or area)) or (unsaturated (zone or region or area))) and ((nano\$1composite or (nano composite)) or permeable (barrier or membrane) or reactive (barrier or membrane))	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/22 08:12
L4	1	l1 and ((nano\$1composite or (nano composite)) or permeable (barrier or membrane) or reactive (barrier or membrane))	EPO; JPO; DERWENT	ADJ	ON	2005/11/22 08:12
L5	1	((vadose (region or area)) or (aeration (zone or region or area)) or (unsaturated (zone or region or area))) and ((nano\$1composite or (nano composite)) or permeable (barrier or membrane) or reactive (barrier or membrane))	EPO; JPO; DERWENT	ADJ	ON	2005/11/22 08:12
L6	617	hydraulic conductivity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2005/11/22 08:42
L7	73	l6 and ((nano\$1composite or (nano composite)) or permeable (barrier or membrane) or reactive (barrier or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2005/11/22 08:41
L8	48	l7 and ground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2005/11/22 08:41
L9	113	hydraulic conductivity same (equal or "same")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2005/11/22 08:43

L10	25	l9 and ((nano\$1composite or (nano composite)) or permeable (barrier or membrane) or reactive (barrier or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2005/11/22 08:43
L11	8618	524/492 or 524/430 or 210/679 or 210/681 or 210/682 or 210/688 or 210/747 or 524/783 or 524/786 or 524/414	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/22 08:52
L12	235	l11 and ((nano\$1composite or (nano composite)) or permeable (barrier or membrane) or reactive (barrier or membrane))	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/22 08:52
L13	1	"5728302".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/22 10:01
S1	16	("3817911" "4772660" "4827005" "6146787" "6217775" "6254786" "6357968" "6398960" "6403364" "6403755" "6423531" "6428695" "6432693" "6524485" "6544690").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/22 07:50
S2	7	(nano\$1composite or (nano composite)) and (inorganic oxide) and (hydro\$1philic polymer) and (metal ion sequestration or chelat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/14 16:43
S3	38	(silicon dioxide or silica or sand or quartz or diatomite or aluminum oxide or titanium oxide or zirconium oxide or boron oxide or metal oxide or "SiO.sub.2" or "Al.sub.2" "O.sub.3") and (poly\$1acrylonitrile or poly\$1ethyleneoxide or poly\$1ethylene glycol or poly\$1vinyl acetate or poly\$1vinyl alcohol) and (ammonium molybdophosphate or phosphonopyridine \$2oxide\$1 or \$2thiophosphinic acid or ammonium\$4molybdophosphate or ammonium near2 molybdophosphate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 12:35
S4	385	(silicon dioxide or silica or sand or quartz or diatomite or aluminum oxide or titanium oxide or zirconium oxide or boron oxide or metal oxide or "SiO.sub.2" or "Al.sub.2" "O.sub.3") and (poly\$1acrylonitrile or poly\$1ethyleneoxide or poly\$1ethylene glycol or poly\$1vinyl acetate or poly\$1vinyl alcohol) and (nano\$1composite or (nano composite))	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/14 17:05

S5	738	((permeable reactive barrier) or (permeable near3 barrier) or (permeable near4 membrane) or (nano\$1composite or (nano composite))) and cesium\$4 and (water or ground\$1water or waste\$1water water\$1table or aquifer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/14 17:12
S6	535	S5 and oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/14 17:15
S7	3218	((permeable reactive barrier) or (permeable near3 barrier) or (permeable near4 membrane) or (nano\$1composite or (nano composite)))ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/14 17:14
S8	29	((permeable reactive barrier) or nano\$1composite or (nano composite)) and oxide).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 07:39
S9	24	\$5permeable reactive barrier	EPO; JPO; DERWENT	ADJ	ON	2005/11/15 10:44
S11	18	210/170.ccls. and oxide and polymer	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 09:18
S12	133	reactive barrier and (water or ground\$1water or waste\$1water or aquifer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 10:04
S13	44503	ion\$1exchang\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 08:56
S14	1052	S13 and oxide and polymer and cesium\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 09:19
S16	361	S13 and oxide and polymer and cesium\$4 and (sequestrat\$4 or chelat\$4) and (water or ground\$1water or waste\$1water or aquifer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 09:21
S17	6	S13 and oxide and polymer and cesium\$4 and (sequestrat\$4 or chelat\$4) and (ground\$1water or waste\$1water or aquifer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 09:27
S18	24	oxide and polymer and cesium\$4 and (sequestrat\$4 or chelat\$4) and (ground\$1water or waste\$1water or aquifer or subterranean reservoir) and sorb\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 09:36

S19	615	oxide and polymer and cesium\$4 and (sequestrat\$4 or chelat\$4) and (ground\$1water or waste\$1water or aquifer or subterranean reservoir or water) and \$2sorb\$4 same (membrane or barrier)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 09:33
S20	7	oxide and polymer and cesium\$4 and (sequestrat\$4 or chelat\$4) and (ground\$1water or waste\$1water or aquifer or subterranean reservoir) and \$2sorb\$4 same (membrane or barrier)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 09:36
S21	1544	(reactive or permeable) barrier and (water or ground\$1water or waste\$1water or aquifer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 10:04
S22	1	S21 and (ammonium molybdophosphate or phosphonopyridine \$2oxide\$1 or \$2thiophosphinic acid or ammonium\$4molybdophosphate or ammonium near2 molybdophosphate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 10:47
S23	333	(ammonium molybdophosphate or phosphonopyridine \$2oxide\$1 or \$2thiophosphinic acid or ammonium\$4molybdophosphate or ammonium near2 molybdophosphate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 11:40
S25	74	(ammonium molybdophosphate or phosphonopyridine \$2oxide\$1 or \$2thiophosphinic acid or ammonium\$4molybdophosphate or ammonium near2 molybdophosphate) and (poly\$1acrylonitrile or poly\$1ethyleneoxide or poly\$1ethylene glycol or poly\$1vinyl acetate or poly\$1vinyl alcohol)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 12:03
S26	28	S25 and cesium\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 11:54
S28	0	(ammonium molybdophosphate or phosphonopyridine \$2oxide\$1 or \$2thiophosphinic acid or ammonium\$4molybdophosphate or ammonium near2 molybdophosphate) and (poly\$1acrylonitrile or poly\$1ethyleneoxide or poly\$1ethylene glycol or poly\$1vinyl acetate or poly\$1vinyl alcohol)	EPO; JPO; DERWENT	ADJ	ON	2005/11/15 12:03

S29	87	(ammonium molybdophosphate or phosphonopyridine \$2oxide\$1 or \$2thiophosphinic acid or ammonium\$4molybdophosphate or ammonium near2 molybdophosphate)	EPO; JPO; DERWENT	ADJ	ON	2005/11/15 12:05
S30	223	ammonium phosphomolybdate	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 12:31
S31	31	ammonium phosphomolybdate	EPO; JPO; DERWENT	ADJ	ON	2005/11/15 12:31
S32	58	(silicon dioxide or silicate or silica or sand or quartz or diatomite or aluminum oxide or titanium oxide or zirconium oxide or boron oxide or metal oxide or "SiO.sub.2" or "Al.sub.2" "O.sub.3") and (poly\$1acrylonitrile or poly\$1ethyleneoxide or poly\$1ethylene glycol or poly\$1vinyl acetate or poly\$1vinyl alcohol) and (molybdophosphate or phosphonopyridine \$2oxide\$1 or \$2thiophosphinic acid or ammonium\$4molybdophosphate or ammonium near2 molybdophosphate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 12:45
S33	336	Aquifer and remediation and barrier	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 14:16
S34	185	S33 and oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 13:22
S39	123	S33 and oxide and ((heavy metal) or radionuclide or cesium\$4 or caesium or \$4cesium) and (poly\$1acrylonitrile or poly\$1ethyleneoxide or poly\$1ethylene glycol or poly\$1vinyl acetate or poly\$1vinyl alcohol or polymer or resin or binder)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 13:54
S40	26	S39 not microbial not microorganisms	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 13:54
S41	6	Aquifer and remediation and barrier	EPO; JPO; DERWENT	ADJ	ON	2005/11/15 14:17
S44	238	210/681.ccls. and (oxide or cesium or heavy metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/15 15:03

S46	124	210/681.ccls. and (oxide or cesium or heavy metal) and (poly\$1acrylonitrile or poly\$1ethyleneoxide or poly\$1ethylene glycol or poly\$1vinyl acetate or poly\$1vinyl alcohol or polymer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 08:00
S47	26	harrup-\$.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 08:01
S48	7	harrup-mason-\$.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 10:59
S49	162	Bechtel BWXT Idaho.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 09:35
S50	30	stewart-frederick-\$.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 09:34
S51	195	Bechtel BWXT Idaho.as.	EPO; JPO; DERWENT	ADJ	ON	2005/11/16 09:35
S52	1	"5240602".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 09:39
S53	17923	(ion\$1exchange\$1 or ion exchange\$1) and (radioactive isotopes or radionuclide or radio\$1isotopes or cesium)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 09:41
S54	6453	S53 and (silicon dioxide or silica or silicate or aluminum oxide or alumina or titanium oxide or zirconium oxide or boron oxide or metal oxide or "SiO.sub.2" or "Al.sub.2" "O.sub.3") and (poly\$1acrylonitrile or poly\$1ethyleneoxide or poly\$1ethylene glycol or poly\$1vinyl acetate or poly\$1vinyl alcohol)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 09:42
S55	6431	S53 and (silicon dioxide or silica or silicate or aluminum oxide or alumina or titanium oxide or zirconium oxide or boron oxide or metal oxide) and (poly\$1acrylonitrile or poly\$1ethyleneoxide or poly\$1ethylene glycol or poly\$1vinyl acetate or poly\$1vinyl alcohol)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 09:48

S57	770	S53 and (silicon dioxide or silica or silicate or aluminum oxide or alumina or titanium oxide or zirconium oxide or boron oxide or metal oxide) same (poly\$1acrylonitrile or poly\$1ethyleneoxide or poly\$1ethylene glycol or poly\$1vinyl acetate or poly\$1vinyl alcohol)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 09:50
S58	186	S57 not drug	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 09:50
S59	7563	524/492 or 524/430 or 210/679 or 210/681 or 210/682 or 210/688 or 210/747	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/22 08:51
S60	3551	Dowex "50"	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 14:31
S61	335	Dowex "50" same polymer	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/16 14:31
S62	145	interpenetrating network same hydrogel	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/17 09:02
S63	1	permeable reactive barrier and interpenetrating network	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/17 13:25
S64	3	permeable reactive barrier and homogeneous	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/17 09:04
S65	69	reactive (barrier or membrane) and homogeneous	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/17 12:03
S66	139	metal alkoxide with (ion exchange)	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/11/17 12:03